



Patents

Patents 1 - 10 on **displaying hierarchical parent child class property**. (0.25 seconds)

Modeling of object-oriented database structures, translation to relational database structures ...

US Pat. 6374252 - Filed Oct 16, 1997 - i2 Technologies US, Inc.

20 with zero or more objects of **class Class Property** ... a directed acyclic graph)
like the **parent/child** other user 201 of the system 200 is allowed to ...

Interactive method of developing software interfaces

US Pat. 5041992 - Filed Oct 24, 1988 - University of Pittsburgh

A **class** can be referred to as a subclass or a **child** 15 bit maps A popular too]
... be named "Object" having-no **parent class** and no Xerox Corporation 1983. ...

Hierarchical inter-panel process flow control

US Pat. 5237654 - Filed Apr 17, 1990 - International Business Machines Corporation

2 illustrates an object **class** referred to as Em- It is a further object ...
class 22 are the List its **child** panels or is passed back to its **parent** panel for ...

Method and apparatus for configuring systems

US Pat. 5515524 - Filed Mar 29, 1993 - Trilogy Development Group

A **child** in a product line hierarchy inherits from the **parent**, ... and the **child**
class exhibits all of the properties of the **parent** 40 data transfer ...

System and method for associating properties with objects

US Pat. 7055132 - Filed Jun 28, 2002 - Microsoft Corporation

The **child class** inherits information from the **class** associated with the upper
branch (ie, the **parent class**). When two branches are at the same level, ...

Data processor controlled display with a tree of items with modification of child item ...

US Pat. 6115044 - Filed Mar 31, 1998 - International Business Machines Corporation

In recent years, the **hierarchical** tree has been a widely used expedient for helping
... **Parent** items at one level have **child** items at the next lower level. ...

Data processor controlled interface with multiple tree of elements views expandable into ...

US Pat. 6281896 - Filed Mar 31, 1998 - International Business Machines Corporation

It should also be noted that the tree **hierarchical** structure is one of the ...
of **child** objects in subclasses of **parent** object classes wherein the **child** ...

Dynamic property sheet system

US Pat. 5949417 - Filed Jan 31, 1997 - The Foxboro Company

9A-9C illustrate **parent-child** relationships of particular object classes depicted
... **property** pages in one visual context, that is, FIG. is a **hierarchical** ...

Consolidation of multiple source content schemas into a single target content schema


US Pat. 6785689 - Filed Dec 5, 2001 - i2 Technologies US, Inc.

Schema mapper 106 may use **hierarchical parent-child** relationships set up in ...
to the corresponding reference schema **class** and/or **property**, respectively. ...

Taxonomy of objects and a system of non-modal **property** inspectors

US Pat. 6317142 - Filed Apr 3, 1998 - Avid Technology, Inc.

By replacing the brush (**child**) with a stored preset (stored using the persistence
... a user interface for **displaying** said **hierarchical** organization of ...

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Patents

Patents 11 - 20 on **displaying hierarchical parent child class property**. (0.18 seconds)

Method and system for implementing software objects

US Pat. 5978582 - Filed Oct 9, 1998

When an attempt is made to set the value of a **property** in a **child**, the system can let the value be set, thereby removing the link to the **parent property** ...

Method and apparatus for configuring systems

US Pat. 6002854 - Filed Mar 10, 1997 - Trilogy Development Group, Inc.

That is, one **class** of objects acts as the **parent** of ties of the **parent** ... and the **child class** exhibits all of the proper- 45 The display status includes me ...

Data processor controlled display interface with tree hierarchy of elements view expandable into ...

US Pat. 6151024 - Filed Mar 31, 1998 - International Business Machines Corporation

It is to the detailing of such relationships between **parent** and **child** objects ... **child** objects inherit many but not all of the **parent class** attributes and, ...

Inheritance of background color in a containment hierarchy of objects in a graphical user interface

US Pat. 6918093 - Filed May 31, 2001 - International Business Machines Corp.

Importantly, the **parent** object can define a **class**, and the **child** object can inherit the 65 **class** (properties and methods) of the **parent** object. ...

Concurrent engineering design tool and method

US Pat. 5822206 - Filed Aug 30, 1996 - The Trustees of the Stevens Institute of Technology

Each of these **parent** objects can be regarded as being composed of a hierarchy of offspring objects that represent some functional **class** of behavior that ...

Development system with application browser user interface

US Pat. 6247020 - Filed Dec 17, 1997 - Borland Software Corporation

Continuing with the example, upon the user double- clicking Frame at 721, the system "drills down" another level into the Frame **parent class** of ...

Server for serving stored information to client web browser using text and raster images

US Pat. 6161107 - Filed Oct 31, 1997 - Iota Industries Ltd.

Overall, the classes are placed within a **hierarchical** structure, in which each **child class** inherits the properties of the **parent class**. ...

Data processor controlled display system with a tree hierarchy of elements view having virtual nodes

US Pat. 6111579 - Filed Mar 31, 1998 - International Business Machines Corporation

The virtual ele- interfaces which are relatively easy to use. In recent years, ment or object usually has **child** objects respectively asso- the **hierarchical** ...

Hyperlinked relational database visualization system

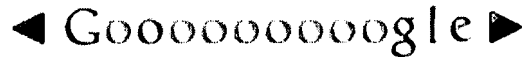
US Pat. 6282547 - Filed Aug 25, 1998 - Informix Software, Inc.

Objects displayed underneath other objects are called **child** objects, and their owners are called **parent** or composite objects. Certain items in the tree may ...

Concurrent engineering design tool and method

US Pat. RE36602 - Filed Jun 26, 1997 - The Trustees of the Stevens Institute of Technology

According to the present invention, this knowledge is arranged in a **hierarchical** fashion. There are four **parent** objects: the material (eg, polymer resin or ...



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Patents

Patents **21 - 30** on **displaying hierarchical parent child class property**. (0.03 seconds)

Integrating relational databases in an object oriented environment

US Pat. 5937409 - Filed Jul 25, 1997 - Oracle Corporation

19 each **class** member, which the **class** type supports, to a **class** types based on the ... If the relational **child** objects to **parent** table objects. ...

Method, system, and program for selecting devices to use to execute selected tasks in a ...

US Pat. 6965390 - Filed May 24, 2001 - International Business Machines Corporation

It should also be noted that the tree **hierarchical** structure is one of the ... of **child** objects in subclasses of **parent** object classes wherein the **child** ...

Restricted access model for hierarchical data structures

US Pat. 7171412 - Filed Oct 7, 2002 - Sun Microsystems, Inc.

The **child** reader-to-**parent** reader link () may be implemented as a reference or pointer that is a **property** of an instantiated **child** reader object. ...

System and process for manipulating and viewing hierarchical iconic containers

US Pat. 6208344 - Filed Jul 29, 1998 - NCR Corporation

6 is a process flow chart depicting how icons become re-positioned on the graphical user interface and come to represent **parent-child** relationships between ...

Method and system for implementing software objects

US Pat. 6480856 - Filed Jul 2, 1999 - Microsoft Corporation

When an attempt is made to set the value of a **property** in a **child**, ... the resulting problems using **parent class** recording, declarative inheritance, ...

Standardized interface between Java virtual machine classes and a host operating environment

US Pat. 6865733 - Filed Jun 21, 2001 - International Business Machines Corp.

For example, a software program for **parent class**, and pass them on to their children. **Child** classes managing the inventory of a hardware store might contain ...

System and methods for improved spreadsheet interface with user-familiar objects

US Pat. 5416895 - Filed Apr 8, 1992 - Borland International, Inc.

Window 160 is spondence between a **parent** object and a **child** object, ... 160 includes a client area 180 for **displaying** and manip- ulating screen objects, ...

System and methods for building spreadsheet applications

US Pat. 5883623 - Filed Apr 21, 1997 - Borland International, Inc.

10B is a block diagram illustrating the correspondence between a **parent** object and a **child** object, and their respective **property** lists. FIG. ...

Java classes comprising an application program interface for platform integration derived from a ...

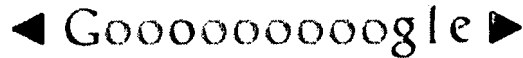
US Pat. 6789254 - Filed Jun 21, 2001 - International Business Machines Corp.

For example, a software program for **parent class**, and pass them on to their children.
Child classes managing the inventory of a hardware store might contain ...

System for assembling large databases through information extracted from text sources

US Pat. 6052693 - Filed Jul 2, 1996 - Harlequin Group Plc

Returns a node pointer depending on the direction parameter as follows: **CHILD**—the first **child** of this node. **PARENT**—the **parent** of this node. ...



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Patents

Patents **31 - 40** on **displaying hierarchical parent child class property**. (0.03 seconds)

System and methods for building spreadsheet applications

US Pat. 5623591 - Filed Sep 10, 1993 - Borland International, Inc.

10B is a block diagram illustrating the correspondence between a **parent** object and a **child** object, and their respective **property** lists. FIG. ...

Self configuring device system

US Pat. 5555401 - Filed Nov 22, 1995 - Sun Microsystems, Inc.

The **hierarchical** relationship between **parent** and **child** ... An entry 66 contains a name 67, a **parent** 68 or **class** 69, and a set of attribute/value pairs 70 ...

Method and apparatus for creating executable code for object-oriented objects having finite ...

US Pat. 5920718 - Filed Mar 21, 1997 - The Boeing Company

Inheritance is the passing of **class** resources or attributes from a **parent class** downstream in a **class** hierarchy to a **child class**. ...

Dynamic object visualization and code generation

US Pat. 6263339 - Filed Aug 25, 1998 - Informix Software, Inc.

by setting a "Visibility" **property** to a conditional expression such as If(... **child** objects, and their owners are called **parent** or composite objects. ...

Metaphor environment control system

US Pat. 5404440 - Filed Jul 10, 1992 - Institute for Personalized Information Environment

Each metaphor incorporates the **child** objects of the part-of hierarchy as ... it incorporates the **parent** object of the is-a hierarchy as a **class** object. ...

Program creation apparatus for reactive systems

US Pat. 5794040 - Filed Nov 10, 1995 - International Business Machines Corporation

One example of defining methods for every **hierarchical class** is shown in the ... for searching for an operation to handle data to a **parent** operation, ...

System and methods for improved spreadsheet interface with user-familiar objects

US Pat. 5502805 - Filed Jun 16, 1993 - Borland International, Inc.

10B is a block diagram illustrating the correspondence between a **parent** object and a **child** object, and their respective **property** lists. FIG. ...

Systems and methods for managing interaction with a presentation of a tree structure in a ...

US Pat. 6826443 - Filed Nov 29, 2001 - Agilent Technologies, Inc.

60 A tree-view control is a window that displays a **hierarchical** list of items, ... An item that has one or more **child** items is called a **parent** item. ...

Framework for applying operations to nodes of an object model

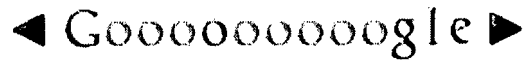
US Pat. 6973460 - Filed Nov 26, 2002 - Microsoft Corporation

Container hierarchy information relates to specifying a **parent** container in which a **child** object lives. This information may be used for generating ...

Configuring systems for generating business transaction reports using processing relationships ...

US Pat. 6925468 - Filed Oct 27, 2000 - Computer Sciences Corporation

A user may create an instance of the **class** to create, for example, ... The **parent/child** or a precedent/ descendent relationship may be defined in one ...



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Patents 41 - 50 on displaying hierarchical parent child class property. (0.04 seconds)

US Pat. 7072800 - Filed Sep 19, 2003 - Computer Associates Think, Inc.
Application name 100A is a **property** of a GUI object as it exists natively ...
Within the scope of a given **parent** window, each **child** window is uniquely ...

US Pat. 7120646 - Filed Apr 9, 2001 - Health Language, Inc.
Since most terminology standards utilize a **hierarchical**, or taxonomic structure,
the present invention comes with a **parent/child** relation already defined. ...

US Pat. 6009469 - Filed Sep 25, 1996 - NetSpeak Corporation
ISA illustrates the **hierarchical** relationship between objects within the webphone.
... 1802 must verify the change with its **parent** 65 object. ...

US Pat. 7173623 - Filed May 9, 2003 - Microsoft Corporation
lines) arranged in a **hierarchical** manner. The relationship between timing nodes is ... of 10 **child** timelines through an action on a single **parent** timeline. ...

US Pat. 6906712 - Filed Aug 8, 2001 - SolidWorks Corporation
This ordering of **parent** and **child** objects enables isometric view of the model
... **class 1108 property** that specifies a plane that slices the model at a is ...

US Pat. 5664127 - Filed Feb 28, 1996 - Borland International, Inc.
Therefore, the description of the exemplary embodi- **property** inspection. ments which
... a **parent** object and a **child** object, and their Referring now to FIG. ...

US Pat. 6917938 - Filed May 6, 2002 - IdeaPivot Corporation
... a **child** data 5 element based on **parent-child hierarchical** relationships. ...
not **displaying** properties that are not appropriate to the user's context. ...

[illegible]

US Pat. 6772140 - Filed Nov 1, 1999 - Harris-Exigent, Inc.
Within this scheme, files are associated with **parent** sub-directories which ...
The method can further comprise the step of **displaying** in a graphical user ...

Complex data navigation, manipulation and presentation support for visualage Java

US Pat. 6938260 - Filed Jul 14, 2000 - International Business Machines Corporation

... for the current **class**; the designer can then select the subobject **class**, ...

hierarchy of objects to define **parent** and **child** objects such that **child** ...



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Patents

Patents **51 - 60** on **displaying hierarchical parent child class property**. (0.03 seconds)

Specification of the hierarchy, connectivity, and graphical representation of a circuit design

US Pat. 7003751 - Filed Jan 10, 2003 - Xilinx Inc.

The hierarchy attributes define **parent-child** relationships between ... along with graphics characteristics used in **displaying** blocks of the design. ...

Dynamic conversion of object-oriented programs to tag-based procedural code

US Pat. 6504554 - Filed Sep 1, 1998 - Microsoft Corporation

Windows Foundation Classes (WFC) are a set of Java **class** libraries that enable software developers ... Base container 808 allows **parent-child** relationships. ...

Hierarchical encapsulation of instantiated objects in a multimedia authoring system ...

US Pat. 5680619 - Filed Apr 3, 1995 - mFactory, Inc.

If the **child** object in turn contains another "Hierarchical Encapsulation," results in a significant degree object, the **child** object is considered the **parent** ...

Dynamic object properties

US Pat. 6915301 - Filed Aug 25, 1998 - International Business Machines Corporation

Each panel in turn presents a set of buttons, for **displaying** categories of ... **child** objects, and their owners are called **parent** or composite objects. ...

Visible-object determination for interactive visualization

US Pat. 6300965 - Filed Feb 9, 1999 - Sun Microsystems, Inc.

The ability to nest cones into a **hierarchical** structure allows a very rapid ... The **parent-child** relation of 16 nodes in the cone tree reflects the ...

Methods and apparatus for representing resources in a computing system environment

US Pat. 7032186 - Filed Sep 28, 2001 - EMC Corporation

4 illustrates an example of an object data structure 302 (eg, a **class** definition ... To provide for such other representations, **parent** object indicators 312 ...

System and method to provide secure navigation to resources on the internet

US Pat. 6381579 - Filed Jun 17, 1999 - International Business Machines Corporation

The name of the **class** is saved in the resource object document, providing a connection between the object 60 and its **parent class** document. ...

Configurable user-interface component management system

US Pat. 6944829 - Filed Sep 25, 2001 - Wind River Systems, Inc.

Exemplary layouts include tabbed and tiled layouts that arrange **child** components ... any component may be moved to a different location within its **parent**, ...

Flow designer for establishing and maintaining assignment and strategy process maps

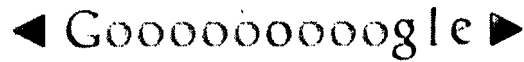
US Pat. 6970844 - Filed Aug 25, 2000 - Computer Sciences Corporation

For example, if a **parent** object includes a "Name" **property** set to "Main Office" and a "City" **property** set to "New York," a **child** object of the **parent** object ...

Automated mirroring of components

US Pat. 6844877 - Filed Nov 5, 2001 - SolidWorks Corporation

The **hierarchical** data structure 1100 includes nodes arranged in **parent-child** relationships that identify model components and contain relationships ...



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Patents Patents 1 - 10 on displaying hierarchical parent child selecting first second area. (0.31 seconds)

Geometry processor for graphics display system

US Pat. 4862392 - Filed Mar 7, 1986 - Star Technologies, Inc.

A feature of one type of **hierarchical** graphic data base is that attribute information,
... The **child** segment of a **parent** or sibling) identified by the **first** ...

Document rearrangement system

US Pat. 4601003 - Filed Nov 22, 1983 - Tokyo Shibaura Denki Kabushiki Kaisha

... pattern representing **parent** pictorial items in the **hierarchical** filing 5 ...
first display means for **displaying** the document image information, **second** ...

Method and apparatus for displaying and tree scrolling a hierarchical data structure

US Pat. 6380947 - Filed Dec 16, 1999 - AT&T Corp.

A method for **displaying hierarchical** data, the method comprising: ... node of
the plurality of **parent** nodes in a **second** display **area**, each displayed **child** ...

Methods of centering nodes in a hierarchical display

US Pat. 5333254 - Filed Oct 2, 1991 - Xerox Corporation

In response to the user request, **second** image 12 is continuation" of a **first**
display feature if it is perceptible **parent** node 4,, and **child** nodes 42 44 and ...

System and method for selecting symbols and displaying their graphics objects in a detail window

US Pat. 5504853 - Filed Aug 21, 1992 - International Business Machines Corporation

In an overview window at all times, all of the **child** figures of a **parent** figure
or all of the figures in an **area** are displayed in symbol form. ...

Method and apparatus for implementing a hierarchical database management system (HDBMS) using a ...

US Pat. 5974407 - Filed Sep 29, 1997

The **first hierarchical** family with root (1D-10) has six descendents of the
root (1D-12) and the **second hierarchical** family has a root ...

Displaying a complex tree structure among multiple windows

US Pat. 6421072 - Filed Jun 3, 1999 - International Business Machines Corporation

5, if the user then selected "Merge Back to **Parent**" after **selecting** node C ...
of nodes within the **first** tree structure: **displaying a second** tree structure ...

Method and apparatus for a layout of a document image

US Pat. 5555362 - Filed Jul 26, 1995 - International Business Machines Corporation

45 Items showing a **hierarchical** structure (eg Nest., Name, and Dir.) among the
above items judge the **parent-child** relation with the analyzed tree structure ...

System, method and article of manufacture for displaying an animated, realtime updated control ...

US Pat. 6157864 - Filed May 8, 1998 - Rockwell Technologies, LLC
The tree section 3049 provides an **area** wherein the editor ... the machine module
reference and indented to show a **hierarchical parent-child** relationship. ...

Computer screen and memory organization enabling presentation of a tree

US Pat. 5606654 - Filed Dec 21, 1993 - International Business Machines Corporation

In a preferred embodiment, the **first** part of the display screen is the part ...

Part of the remaining **parent area** 110 is then divided into **child** areas-d as ...

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Patents Patents **11 - 20** on **displaying hierarchical parent child selecting first second area**. (0.03 seconds)

Method for placing logic functions and cells in a logic design using floor planning by analogy ...

US Pat. 5696693 - Filed Mar 31, 1995 - Unisys Corporation

The **first** set of nodes is compared to the **second** set of nodes (the "target" ...

In the preferred embodiment, EMBODIMENT **parent-child** relationships of each ...

Method and system for dynamically sharing user interface displays among a plurality of ...

US Pat. 5596702 - Filed Apr 16, 1993 - International Business Machines Corporation

As stated previously the UIS utilizes a **hierarchical** organization of components in the working memory **area**. It is this logical **hierarchical** organization of ...

Video browser data magnifier

US Pat. 7073128 - Filed Jan 26, 2001 - Canon Kabushiki Kaisha

The method of claim 1, wherein in the **parent-only** mode, said **displaying** step ...

for **selecting** a **parent** level and for **displaying**, in a **first** display **area**, ...

Synchronized spatial-temporal browsing of images for assessment of content

US Pat. 6515656 - Filed Apr 30, 1999 - Verizon Laboratories Inc.

A method of **selecting** items to purchase in electronic commerce comprising: presenting a **hierarchical** description of items for sale in an outline **area**; ...

Electronic dictionary

US Pat. 4912671 - Filed Aug 5, 1987 - Hirode Miwa

In the input mode, "READY" is displayed on the input display **area** 14. ... When the **second** correlated word F2 is displayed on the **first** line ously depressed, ...

Method and apparatus for **displaying** literary and linguistic information about words

US Pat. 6918097 - Filed Oct 9, 2001 - Xerox Corporation

The layout data indicates a **parent** position for **parent** nodes and, ... based on the **first** request, the **hierarchical** addresses representing a layout of said ...

Fly-through computer aided design method and apparatus

US Pat. 5999187 - Filed Jun 27, 1997 - Resolution Technologies, Inc.

25 After the **first** portion 312 has been completed, the system 35 is prepared to begin **displaying** in a fly-through interactive three-dimensional fashion 314. ...

Page analysis system

US Pat. 5987171 - Filed Nov 10, 1994 - Canon Kabushiki Kaisha

65 **Child** nodes are depicted in the **hierarchical** tree structure as a node branching ... The system includes a **first** memory **area** utilized for receiving and ...

System and method for maintaining a knowledge base and evidence set

US Pat. 6256627 - Filed Jun 23, 1998 - AT&T Corp.

The **first** query takes advantage of the **parent-child** relationship between topics, subtopics, and evidences. The **second** query relaxes a query restriction— in ...

Method and apparatus for selecting network entities

US Pat. 6633312 - Filed Oct 19, 1999 - Nortel Networks Limited

In this layer cake display **area 207**, the network features are preferably ...

Alternatively, this storage either only includes the **first** and **second** sets of ...



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Patents Patents 21 - 30 on displaying hierarchical parent child selecting first second area. (0.03 seconds)

Method and device for finding, collecting and acting upon units of information

US Pat. 6583800 - Filed Jul 14, 1999

The interface of claim 52, wherein said content **area** is divided into one or ...
and a context **area** for **displaying** a unit of information which is **parent** to ...

System and method to display and manage data within hierarchies and polyarchies of information

US Pat. 6859217 - Filed Nov 29, 2000 - Microsoft Corporation

In response to **selecting** the **second** intersecting hierarchy, the object is ...
the **first hierarchical** structure is changed to a **second hierarchical** structure ...

System for designating document direction

US Pat. 6014458 - Filed Aug 27, 1996 - Canon Kabushiki Kaisha

Child nodes are depicted in the **hierarchical** tree structure as a node ...
the memory space allocated in the **first** memory **area**, and outputting a **second** error ...

Display and control of menus with radial and linear portions

US Pat. 5926178 - Filed Apr 1, 1997 - Silicon Graphics, Inc.

First, the user must pause to display the menu before **selecting** an item ...
art this would mean that all menu selections (either by **displaying** a menu or by ...

Method for editing image information with aid of computer and editing system

US Pat. 6154601 - Filed Nov 14, 1997 - Hitachi Denshi Kabushiki Kaisha

Values "1" and "2" are registered in the **area** of the **CHILD SCENE NUMBERS** 1 and 2.
... 1 is **first** obtained by **selecting** an icon 610 or 611 representing the ...

Method and apparatus for displaying and header scrolling a hierarchical data structure

US Pat. 6738787 - Filed Mar 29, 2002 - AT&T Corp.

Hierarchical data 623 can be a document corresponding to a particular application
... using a tree data structure including a set of **parent** and **child** nodes. ...

Method and apparatus for displaying and header scrolling a hierarchical data structure

US Pat. 6430574 - Filed Dec 16, 1999 - AT&T Corp.

The subordinate data descriptor 730 instance of the **parent** node object contains
a set of pointers includes a **first** dynamic display portion 731 and a **second** ...

Method and apparatus for generating reports using declarative tools

US Pat. 5809266 - Filed Jan 21, 1997 - Oracle Corporation

The painting region 206 is the **area** in which objects can be created, modified,
... Order can be used to specify which group to evaluate **first**, **second**, etc. ...

Creating and saving multi-frame web pages

US Pat. 6266684 - Filed Aug 6, 1997 - Adobe Systems Incorporated

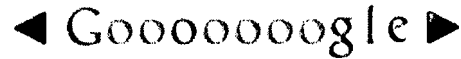
A new border 66 is created for the **second** frame 64 to encompass the **area** ...

of **parent** and **child** objects, each of which represents one of the frames. ...

Data input display system for preparing and editing structural data

US Pat. 5572642 - Filed May 3, 1994 - Baba Laboratory Inc.

This is the **second** propagation which 5 proceeds automatically and irrespectively
... and **selecting** and **displaying** on said display screen only those graphic ...



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IEEE XPLORE GUIDE

Results for "(((hierarchical<in>metadata) <and> (nodes<in>metadata))<and> (display..."



Your search matched 6 of 1589326 documents.

A maximum of 100 results are displayed, 25 to a page, sorted by Relevance in Descending order.

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Modify Search

(((hierarchical<in>metadata) <and> (nodes<in>metadata))<and> (display<in>me

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☐ Check to search only within this results set

Display Format: ☒ Citation ☐ Citation & Abstract

» Key

IEEE JNL IEEE Journal or Magazine

IET JNL IET Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IET CNF IET Conference Proceeding

IEEE STD IEEE Standard

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Balmas, F.;
[Reverse Engineering, 2001. Proceedings. Eighth Working Conference on](#)
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Chang-Sung Jeong; Pang, A.;
[Information Visualization, 1998. Proceedings. IEEE Symposium on](#)
19-20 Oct. 1998 Page(s):19 - 25, 149
Digital Object Identifier 10.1109/INFVIS.1998.729555
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Johnson, B.; Shneiderman, B.;
[Visualization, 1991. Visualization '91, Proceedings., IEEE Conference on](#)
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Digital Object Identifier 10.1109/VISUAL.1991.175815
[AbstractPlus](#) | Full Text: [PDF](#)(952 KB) IEEE CNF
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Banerjee, A.; Banerjee, P.; DeFanti, T.; Hudson, A.; Dodds, B.; Curtis, J.R.;
[Robotics and Automation, IEEE Transactions on](#)
Volume 16, Issue 3, June 2000 Page(s):218 - 227
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Baoquan Chen; Minh Xuan Nguyen;
[Visualization, 2001. VIS '01. Proceedings](#)
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Wilhelms, J.; Van Gelder, A.; Tarantino, P.; Gibbs, J.;
[Visualization '96. Proceedings.](#)

27 Oct.-1 Nov. 1996 Page(s):57 - 63, 467

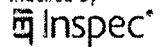
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Digital Object Identifier 10.1109/FTCS.1997.614082
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Martin, J.J.;
[Southeastcon '96. 'Bringing Together Education, Science and Technology', Pr IEEE](#)
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Digital Object Identifier 10.1109/SECON.1996.510164
[AbstractPlus](#) | Full Text: [PDF](#)(384 KB) IEEE CNF
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Chong-Mok Park; Kyu-Young Whang; Il-Yeol Song; Navathe, S.;
[Computer Software and Applications Conference, 1994. COMPSAC 94. Proce Eighteenth Annual International](#)
9-11 Nov. 1994 Page(s):64 - 70
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[Data Compression Conference, 2000. Proceedings. DCC 2000](#)
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 20-22 Oct. 1997 Page(s):118 - 126
 Digital Object Identifier 10.1109/SFCS.1997.646100
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 Ohring, S.R.; Ibel, M.; Das, S.K.; Kumar, M.J.;
[Parallel Processing Symposium, 1995. Proceedings., 9th International](#)
 25-28 April 1995 Page(s):37 - 44
 Digital Object Identifier 10.1109/IPPS.1995.395911
[AbstractPlus](#) | Full Text: [PDF](#)(856 KB) IEEE CNF
[Rights and Permissions](#)
- ☐ **5. In the beginning [mathematics courses]**
 Kelly, A.J.;
[Comcon Spring '90. 'Intellectual Leverage'. Digest of Papers. Thirty-Fifth IEEE](#)
[Society International Conference.](#)
 26 Feb.-2 March 1990 Page(s):598 - 599
 Digital Object Identifier 10.1109/CMPCON.1990.63745

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context**

Falcidieno, B.; Giannini, F.;
[Robotics and Automation, 1990. Proceedings., 1990 IEEE International Confer](#)
13-18 May 1990 Page(s):1672 - 1678 vol.3
Digital Object Identifier 10.1109/ROBOT.1990.126250

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┌ **7. Family care policy in the high-tech workplace: it's a good investment**

Humble, J.E.; Hauth, A.;
[Technology Management : the New International Language, 1991](#)
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